

Attachment

Sundry Procedure

Neptune SA01 ST1 Sundry Procedure

1. Move TOI Development Driller I Semi-submersible to AT 617 location.
2. Conduct bottom survey with ROV.
3. Stump test BOP per supplemental APD sheet. Perform function tests on the autoshear and deadman systems. Test all ROV intervention functions.
4. Run BOP/Riser and latch the BOP stack.
5. Close BSR's and pressure test BSR's, HDH4 Connector and surface plug to the test pressure submitted in the APD for the 13-5/8" casing. Casing test pressure will be adjusted accordingly with any changes in mud weight.
6. Test BOPE per APD. Perform test on deadman system.
7. RIH with clean out BHA on 6-5/8" S-135, 27ppf, 34ppf, and/or 40ppf drill pipe.
8. Drill out surface cement plug and RIH to kick off depth. Displace to mud weight given in APD. POOH.
9. Close BSR's and pressure test BSR's, HDH4 Connector and 13-5/8" casing to the test pressure submitted in the APD. Casing test pressure will be adjusted accordingly with any changes in mud weight.
10. Run and set EZSV at kickoff depth on wireline.
11. RIH with whipstock and milling BHA on 6-5/8" S-135, 27ppf, 34ppf, and/or 40ppf drill pipe. Orient and set whipstock at kickoff depth.
12. Mill window in 13-5/8" host casing. Drill virgin formation and perform LOT to pressure submitted in the APD. POH.
13. RIH with 12-1/4" x 14" drilling BHA with 6-5/8" S-135, 27ppf, 34ppf, and/or 40ppf drill pipe.
14. Drill 12-1/4" x 14" hole to section TD (see wellbore schematic) with 6-5/8" S-135, 27ppf, 34ppf, and/or 40ppf drill pipe. POOH with drilling BHA.
15. RIH with 11-3/4" liner per schematic. Set liner hanger and cement per the APD. Set and test liner top packer.
16. Test BOPs per pressure listed in APD. POOH with running tool to surface.

17. Test BSRs, 13-5/8" casing, and 11-3/4" liner to the test pressure submitted in the APD. Casing test pressure will be adjusted accordingly with any changes in mud weight.
 18. RIH with 10-5/8" x 12-1/4" drilling BHA to top of shoe track with 6-5/8" S-135, 27ppf, 34ppf, and/or 40ppf drill pipe.
 19. Displace to mud weight given in APD while drilling out the shoe track. Perform LOT per the APD.
 20. Drill 10-5/8" x 12-1/4" hole section to permitted well TD (see wellbore schematic) with 6-5/8" S-135, 27ppf, 34ppf, and/or 40ppf drill pipe. POOH with drilling BHA.
 21. Perform BOP function test within 7 days of last test.
 22. Log well as required in the geological evaluation program.
 23. RIH with 9-5/8" x 9-7/8" liner per schematic. Set liner hanger and cement per APD. Set and test liner top packer.
 24. POOH with liner running tool.
 25. Pressure test the BSR, 13-5/8" casing, and 9-5/8" x 9-7/8" liner per the APD. Casing test pressure will be adjusted accordingly with any changes in mud weight. (Barring any evidence or suspicion of a bad cement job, the CBL will not be run until the well is cleaned out to PBTD and displaced to clear brine as part of the completions program.)
 26. Run lead impression tool to verify 13-5/8" hanger space-out. Run and set hanger lock down sleeve.
 27. Negative test 13-5/8" hanger prior to displacing to seawater.
 28. Run and set retrievable bridge plug with 6-5/8" S-135, 27ppf, 34ppf, and/or 40ppf drill pipe. Perform a negative inflow test of the wellbore prior displacing the riser to seawater.
 29. Displace riser to seawater and POH with drill string. Disconnect BOP for completion operations.
- APM for completions operations to follow.